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|----------------------------------------|------------------------------------------------------------|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>04873-065002 | Application No.<br>09/551,272 |
|                                        |                                                            | Applicant<br>Yajun Li et al.          |                               |
|                                        |                                                            | Filing Date<br>April 18, 2000         | Group Art Unit<br>2873        |

**Information Disclosure Statement  
by Applicant**  
(Use several sheets if necessary)

(37 CFR §1.98(b))

## U.S. Patent Documents

| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee           | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|---------------|------------|--------------------|-------|----------|----------------------------|
|                  | AA        | 5949577       | 09/99      | Ogata              | 359   | 565      |                            |
|                  | AB        | 5745289       | 04/98      | Hamblen            | 359   | 569      |                            |
|                  | AC        | 5737120       | 04/98      | Arriola            | 359   | 565      |                            |
|                  | AD        | 5734502       | 03/98      | Ebstein            | 359   | 565      |                            |
|                  | AE        | 5715091       | 02/98      | Meyers             | 359   | 565      |                            |
|                  | AF        | 5706139       | 01/98      | Kelly              | 359   | 565      |                            |
|                  | AG        | 5691847       | 11/97      | Chen               | 359   | 565      |                            |
|                  | AH        | 5684290       | 11/97      | Arackellian et al. | 235   | 472      |                            |
|                  | AI        | 5684287       | 11/97      | Walts              | 235   | 462      |                            |
|                  | AJ        | 5683748       | 11/97      | Gunderson          | 427   | 236      |                            |
|                  | AK        | 5646391       | 07/97      | Forbes et al.      | 235   | 462      |                            |
|                  | AL        | 5504628       | 04/96      | Borchard           | 359   | 558      |                            |
|                  | AM        | 5504350       | 04/96      | Ortyn              | 257   | 81       |                            |
|                  | AN        | 5386105       | 01/95      | Quinn et al.       | 235   | 462      |                            |
|                  | AO        | 5260828       | 11/93      | Londono et al.     | 359   | 569      |                            |
|                  | AP        | 5247162       | 09/93      | Swartz et al.      | 235   | 467      |                            |
|                  | AQ        | 5206878       | 04/93      | Sizer, II          | 372   | 101      |                            |
|                  | AR        | 5164584       | 11/92      | Wike, Jr. et al.   | 250   | 216      |                            |
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|                  | AT        | 5073041       | 12/91      | Rastani            | 385   | 33       |                            |
|                  | AU        | 4923281       | 05/90      | Krichever et al.   | 350   | 245      |                            |
|                  | AV        | 4836637       | 06/89      | Poorman et al.     | 350   | 96.21    |                            |
|                  | AW        | 4820911       | 04/89      | Arackellian et al. | 235   | 467      |                            |
|                  | AX        | 4816600       | 03/89      | Swartz et al.      | 235   | 472      |                            |
|                  | AY        | 4676599       | 06/87      | Cruz               | 350   | 252      |                            |
|                  | AZ        | 4563056       | 01/86      | Tagawa et al.      | 350   | 6.8      |                            |
|                  | AAA       | 4323297       | 04/82      | Kawamura et al.    | 350   | 6.8      |                            |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Examiner Signature<br>                                                                                                                                                       | Date Considered<br>6/15/01 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                            |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------|-------------------------------|
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|                                                                                                                                                                      | Applicant<br>Yajun Li et al.                               |                                       |                               |
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|-----------------------|-----------|---------------|------------|---------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Patent Number | Issue Date | Patentee      | Class | Subclass | Filing Date If Appropriate |
| <i>JA</i>             | ABB       | 3970781       | 07/76      | Dalton et al. | 174   | 7.6      |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
|-------------------------------------------------------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial                                                  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|                                                                   |           |                 |                  |                          |       |          | Yes         | No |
| <i>JA</i>                                                         | ACC       | 60202401        | 10/85            | Japan                    | —     | —        |             |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |                                                                                                                                                                                             |
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| Examiner Initial                                                        | Desig. ID | Document                                                                                                                                                                                    |
|                                                                         | ADD       | Gerts, "Micro-optics has macro-potential," Laser Focus World, June 1991                                                                                                                     |
|                                                                         | AEE       | Figiward, "Optical properties of conic surfaces," I Reflecting Cone, J. Opt. Soc. Am., 52, 287-292 (1962)                                                                                   |
|                                                                         | AFF       | Goodman, Introduction to Fourier Optics, Table of Contents, pp. 110-120, first ed. 1968, second ed. 1996                                                                                    |
|                                                                         | AGG       | Johnson et al., "Connectorized Optical Link Package Incorporating a Microlens," Proceedings of the 30 <sup>th</sup> Electronics Components Conference, San Francisco, CA, April 28-30, 1980 |
|                                                                         | AHH       | Tsi et al., "System analysis of CCD-based bar code readers," Appl. Opt., 32, 3504-3512 (1993)                                                                                               |
|                                                                         | AII       | Behrmann et al., "Influence of temperature on diffractive lens performance," Appl. Opt., 32, 2483-2489                                                                                      |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Examiner Signature<br><i>[Signature]</i>                                                                                                                                     | Date Considered<br><i>6/15/07</i> |
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